



UESC Data Collection

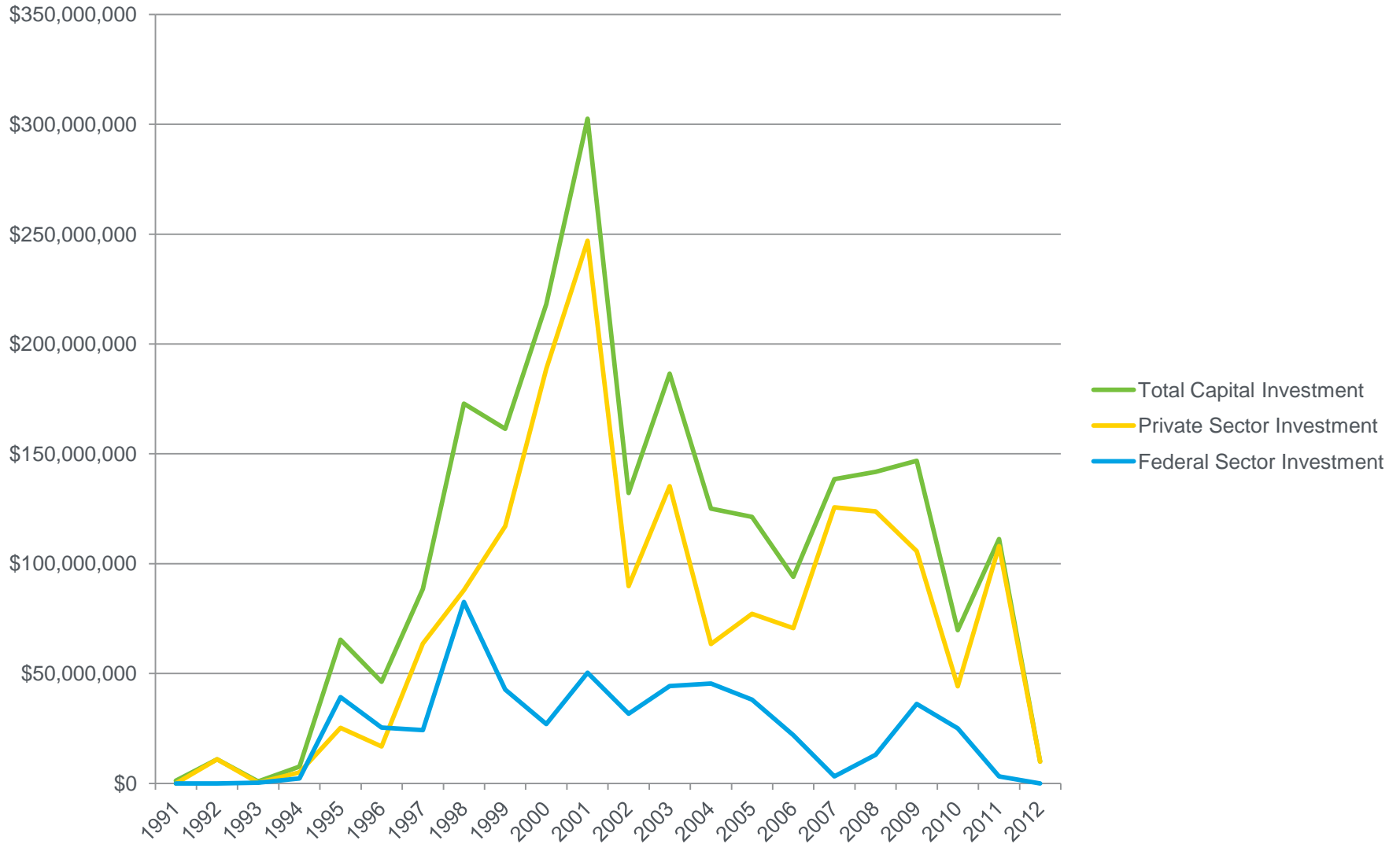
Evan Fuka
Energetics, Incorporated

- Overview of Data Collection
- What is Needed
- How to Submit Data
- Why it is Important to You

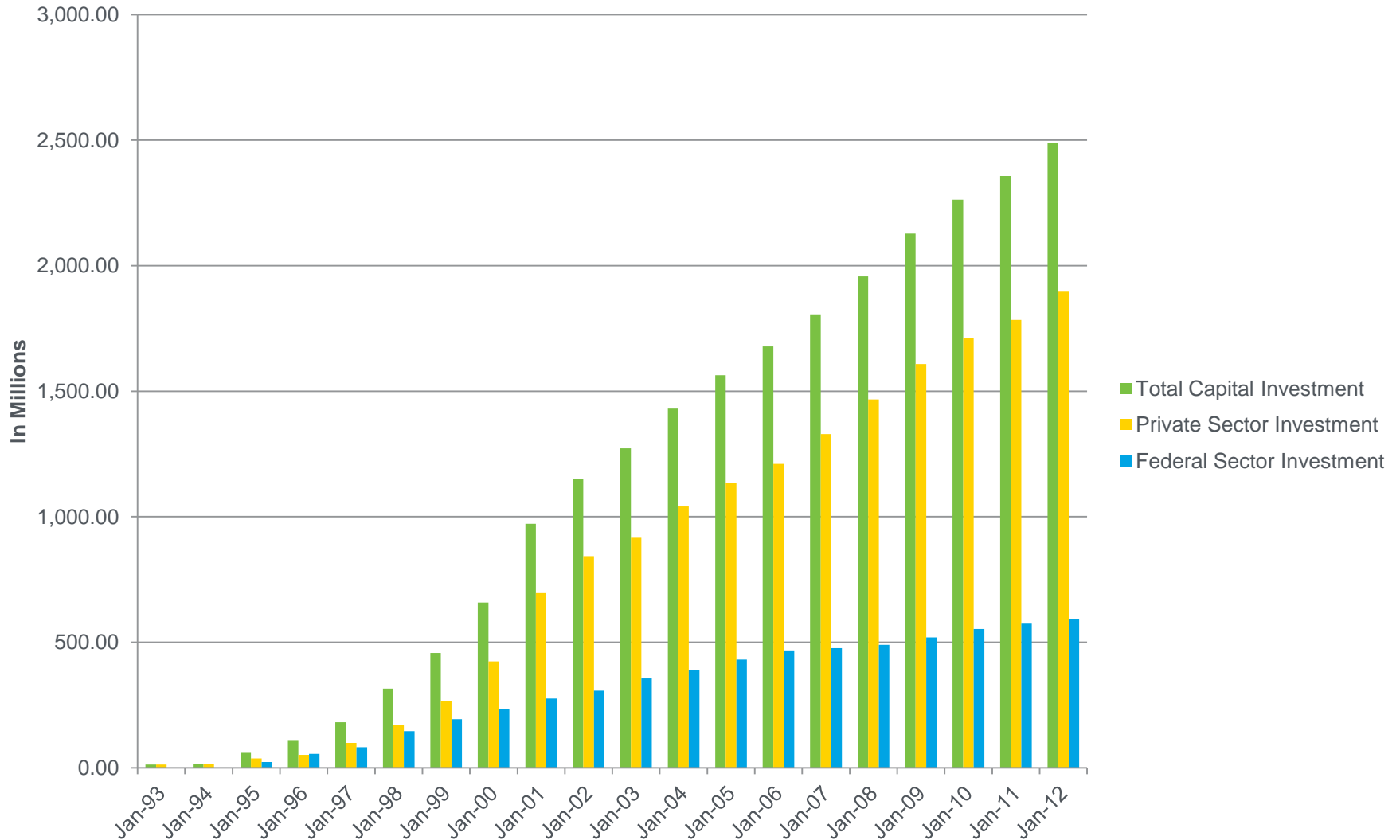
- Data on UESC projects has been collected since 1995
- Over **\$2.3 billion** has been invested in federal facilities upgrades and retrofits through the UESC funding mechanism
- Information on **almost 2,000** UESC projects has been voluntarily submitted and tracked on a continuous basis

- Average annual project investment: **\$123 Million**
- Utilities engaging in UESC: **approximately 40**
- UESC Utilities active in FUPWG: **approximately 20**

UESC Investment Trends Over Time



Increasing Total Investments



- Data collection is done on a voluntary basis by all federal agencies and their serving utilities
- Agency and utility participation in data collection is vital to FEMP understanding current trends in investment and gauging UESC success
- The more data FEMP collects the better we can promote UESC options and enhance UESC marketing efforts

OMB Memorandum M-98-13 provides guidance for developing and entering into contracts

“To increase transparency and accountability, OMB is asking the Department of Energy's Federal Energy Management Program (FEMP) to report annually on Government-wide use of ESPCs and UESCs, including aggregate energy performance improvement, increased renewable energy production at Federal facilities, and cost savings achieved through the use of these tools.

*...**Agencies should consider consulting with FEMP** at the planning stages of their projects to both **take advantage of FEMP expertise** and to reduce the burden of meeting the reporting requirements.”*

Implementation of Energy Savings Projects and Performance-Based Contracting for energy savings

"Sec. 2. Complete Required Energy and Water Evaluations.

(a) Agencies shall identify in the Department of Energy's Compliance Tracking System (CTS) any ECMs that have been implemented, and ensure that the CTS is regularly updated."

UESC data is collected on the following project aspects:

- Agency
- Facility
- State
- Utility
- Contract type
- Contract Term
- TO/DO
- Award Date
- Completion Date (or estimate)
- ECM's
- Project Description
- Project's Capital Cost (Not including financing costs)
- Percent of Total Cost 3rd Party Financed
- Rebate Amount
- Rebate Source
- Estimated Annual Cost Savings
- Estimated Energy Savings
- Estimated Annual kWh Saved
- Estimated Annual KW Saved (Demand)
- Estimated Annual Natural Gas Savings
- Estimated Annual Water Savings

UESC Data Template

Sample Collection Template:

Agency	Facility	State	Utility	Contract Type	Contract Term	Task Order/Delivery Order	Award Date	Completion Date	Energy Conservation Measures Implemented In Project (Enter as many as applicable - See Key)	Project's Capital Cost (\$) [Does not include financing costs]
		Percent of Total Cost 3rd Party Financed	Rebate Amount (\$)	Annual Cost Savings (\$)	Annual kWh Saved	Annual KW Saved (Demand Savings)	Annual Natural Gas savings (please specify cubic feet, therms or MMBtu)	Annual Oil savings (gallons)	Annual water savings (gallons)	

How to Obtain the Data Template

1. By Contacting Me or FEMP
2. By visiting:
http://www1.eere.energy.gov/femp/financing/uescs_fupwg.html

How to Obtain the Data Template

Federal Energy Management Program

Federal Energy Management Program

Search Help ▾

SEARCH

HOME

ABOUT THE
PROGRAM

PROGRAM
AREAS

LAWS &
REGULATIONS

INFORMATION
RESOURCES

PROJECT FUNDING

TECHNOLOGIES

SERVICES

NEWS &
EVENTS

[EERE](#) » [Federal Energy Management Program](#) » [Project Funding](#)

[Site Map](#)

[Printable Version](#)

[Share](#)

Energy Savings
Performance Contracts

Utility Energy Service
Contracts

Types of Contracts

Laws & Regulations

Getting the Best Value

Federal Utility
Partnership Working
Group

- Meetings

- Utility Partners

- Industry Commitment

- Participants

Partnership Meetings

Case Studies

Resources

Contacts

On-Site Renewable
Power Purchase
Agreements

Energy Incentive
Programs

Project Facilitation

Recovery Act

Federal Utility Partnership Working Group

The Federal Utility Partnership Working Group (FUPWG) establishes partnerships and facilitates communications among Federal agencies, utilities, and energy service companies (ESCOs). The group develops strategies to implement cost-effective energy efficiency and water conservation projects through utility incentive programs at Federal sites.

The mission and objectives of the Federal Utility Partnership Working Group are as follows:

- Enhance existing or foster new partnerships between Federal agencies and their servicing utilities to identify, develop, and implement cost-effective energy efficiency, water conservation, and renewable energy projects at Federal sites
- Identify how utilities can help Federal agencies meet energy management goals required by legislation
- Expand the communication infrastructure between Federal agencies, specific sites, and utilities regarding all aspects of Federal energy management
- Prepare agencies for upcoming changes in the electric utility industry and provide information regarding recent technological developments in the areas of energy efficiency and water conservation

The [FUPWG purpose, policies, and operations overview](#) is available for additional information.

Participants

FUPWG consists of Federal agencies, utilities, and energy service organizations. A [list of participating organizations](#) is available.

Industry Commitment

Investor-owned electric utility industry members of the Edison Electric Institute (EEI) pledged to assist Federal agencies in achieving energy-saving goals. The [Electric Utility Industry Pledge](#) is available, as well as a list of [utility partners](#) and [third-party funding partners](#).

Meetings

The Federal Utility Partnership Working Group meets twice per year to share success stories, information on FEMP programs and products, and other FUPWG business. [Past meeting summaries](#) are available. For upcoming meetings, please see the FEMP [calendar of events](#).

Voluntary Data Collection

Submit your utility energy service contract (UESC) data to help FEMP improve its UESC program. All information is kept confidential. Fill out the following documents and send them to Evan Fuka at efuka@energetics.com.

1. [UESC Data Collection Template](#)
2. [Confidentiality Statement](#)

How to Obtain the Data Template

Voluntary Data Collection

Submit your utility energy service contract (UESC) data to help FEMP improve its UESC program. All information is kept confidential. Fill out the following documents and send them to Evan Fuka at efuka@energetics.com.

1. [UESC Data Collection Template](#) 
2. [Confidentiality Statement](#) 

- Have FEMP Technical Assistance be readily available
- Opportunity to be featured in FEMP Case Studies
- Be Recognized

Special Thanks!

- DOJ- Bureau of Prisons
- DHS- U.S. Coast Guard
- DOD- U.S. Army
- DOD- U.S. Navy
- DOE- Bonneville Power Administration
- Tennessee Valley Authority
- Veteran Affairs
- Alabama Power
- Florida Power & Light
- Gulf Power Company
- Mississippi Power Company
- National Grid
- Pacific Gas & Electric
- Southern California Edison
- Southern Company
- Washington Gas

Contact Information

Evan Fuka
Energetics, Inc.
202-406-4107
efuka@energetics.com